

Please delete the abstract, and insert therefor the new abstract on the sheet attached to this paper.

**IN THE CLAIMS:**

Please cancel Claims 1-4 without prejudice or disclaimer.

Please add new Claims 5-9 as follows:

5. A process for removing unreacted ammonia from an effluent of a catalyst bed used in a hydrocarbon ammoxidation reaction, comprising the steps of:

(a) providing a fluidized bed reactor, said reactor comprising:

(1) a catalyst bed for reacting ammonia and hydrocarbons therein;

(2) a dilute phase of the catalyst bed disposed above the catalyst bed;

(3) a set of internals disposed at least partially within the dilute phase of the catalyst bed;

(4) an inlet of a first-stage cyclone separator disposed above the set of internals; and

(b) removing the unreacted ammonia from the effluent of the catalyst bed by passing the effluent through

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Cont

~~the set of internals, wherein the ammonia and hydrocarbons present in the effluent contact the dilute phase of the catalyst bed and react therein.~~

6. The process according to Claim 5, wherein the set of internals are selected from the group consisting of packing, baffles, screens and combinations thereof.

7. The process according to Claim 5, wherein a bottom side of the set of internals is at a depth within the catalyst bed of not greater than 20% of the total height of the catalyst bed.

8. The process according to Claim 5, wherein the hydrocarbons are of a compound selected from the group consisting of propane, propylene, isobutene, xylene and combinations thereof.

9. A process for removing unreacted ammonia from an effluent of a catalyst bed used in a hydrocarbon ammoxidation reaction, comprising the steps of: